SERVERLINK

1RU 17” Full HD LCD Console Drawer with Integrated

8 Port DVI/USB/Audio KVM Switch

User Manual

Version 1.1

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1. Introduction

The ServerLink 8 port DVI LCD console drawer allows you to control and manage up to 8 DVI servers or computers in your data centre, server room or wherever rack space is at a premium.

With a full size keyboard, touch pad and an A-Grade 17" Full HD LCD panel housed in an industry standard 1U height rack drawer, the LKS-08D17W saves you up to 70 per cent of valuable space in your rack cabinet.

With an 8 port DVI/USB KVM, 1920 x 1080 LCD panel, built-in USB 2.0 hub and integrated stereo speakers, this ServerLink LCD console drawer is your perfect choice.

1.1 Main Features

- Full HD 1920 x 1080 17” Widescreen LCD
- Integrated 8 port DVI/USB/Audio KVM
- USB 2.0 hub for USB flash drive, external HDD or any other USB device
- Built-in 2 x 2 Watt stereo speakers
- Quick and simple installation
- Full size keyboard and touch pad
- Self-locking and auto release rails for ultra-convenience
- Port selection via push buttons or keyboard hotkey
- No software required
- Auto Scan Mode for monitoring of computers
- KVM switch is firmware upgradeable
- Internal AC adapter eliminates messy external power supplies
- Keyboard status restored when switching computers
- Support Mac/Sun keyboard emulation

1.2 Package Contents

1 x ServerLink 8 Port DVI LCD Console Drawer with Rack Mounting Sliding Rails
1 x AC Power Cable
1 x CD-ROM with User Manuals, Quick Installation Guides and Utilities
1 x Quick Installation Guide

1.3 LED Panel

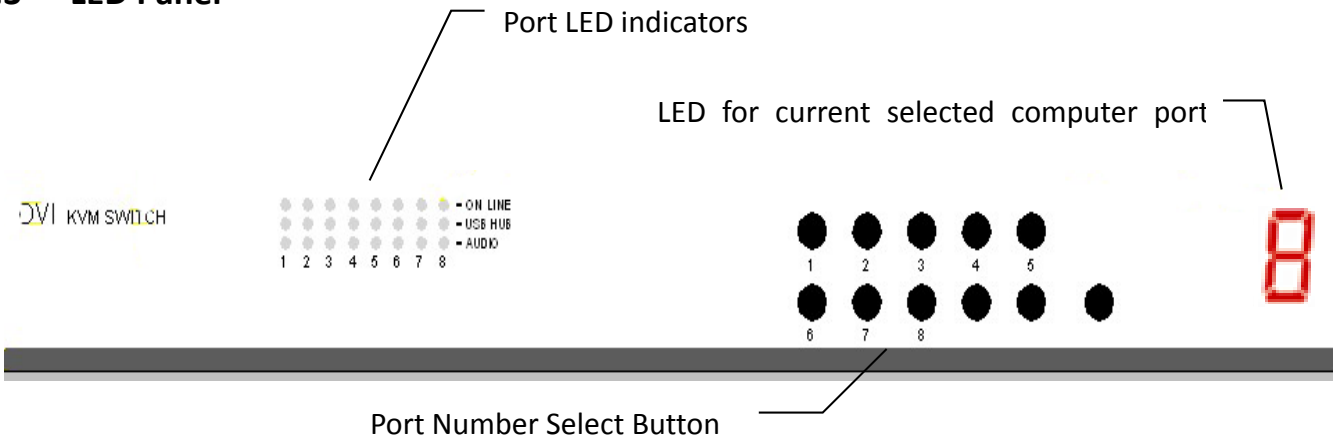


Figure 1. LED Panel View

1.4 Port LED Indicators

There are three LED's for each port:

- **ONLINE** LED: The **Red** LED indicates a computer is connected and powered on.
- **USB HUB** LED: The **Green** LED indicates the USB HUB is connected to this port.
- **AUDIO** LED: The **Blue** LED indicates the Audio is connected to this port.

1.5 Current Port LED

The 7-segment port LED indicates the current selected computer port.

1.6 Buttons and Operations

There are 11 push buttons on the LED front panel.

The buttons labelled 1 to 8 are the port number select buttons.

The additional 3 buttons are not operational and are reserved for future use.

1.7 Rear of KVM Switch

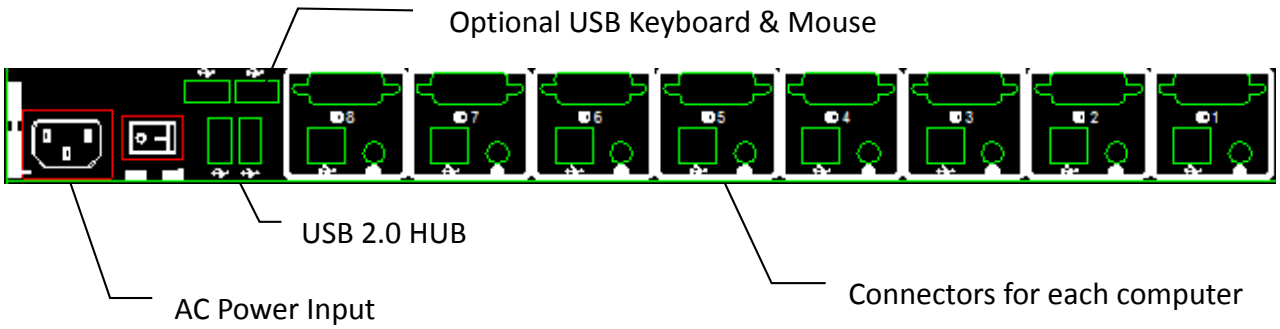
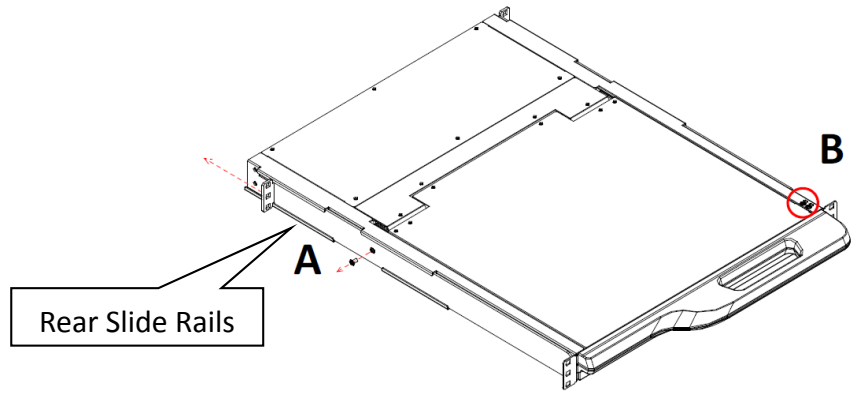


Figure 2. Rear Panel View

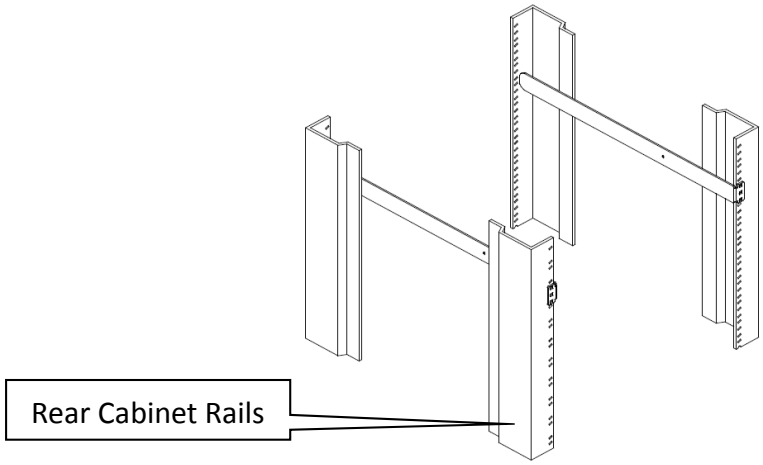
2. Hardware Installation

2.1 Installing Console Drawer into Rack Cabinet

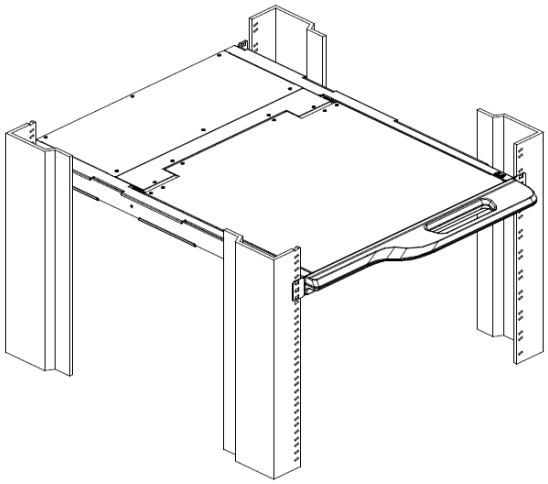
Step 1. Loosen screw **A** on both sides to slide out and remove the two rear slide rails. Remove safety stopper **B** by loosening the two screws and moving to unlock position.



Step 2. Attach the two rear slide rails to the rear vertical mounting rails of the rack cabinet using standard M6 cage nuts and screws.



Step 3. Position the LCD console drawer so the two rear slide rails will slide into the main body of the LCD console drawer. Attach the mounting ears of the LCD console drawer to the front vertical mounting rails of the rack cabinet using standard M6 cage nuts and screws.



2.2 Computer/Server Installation

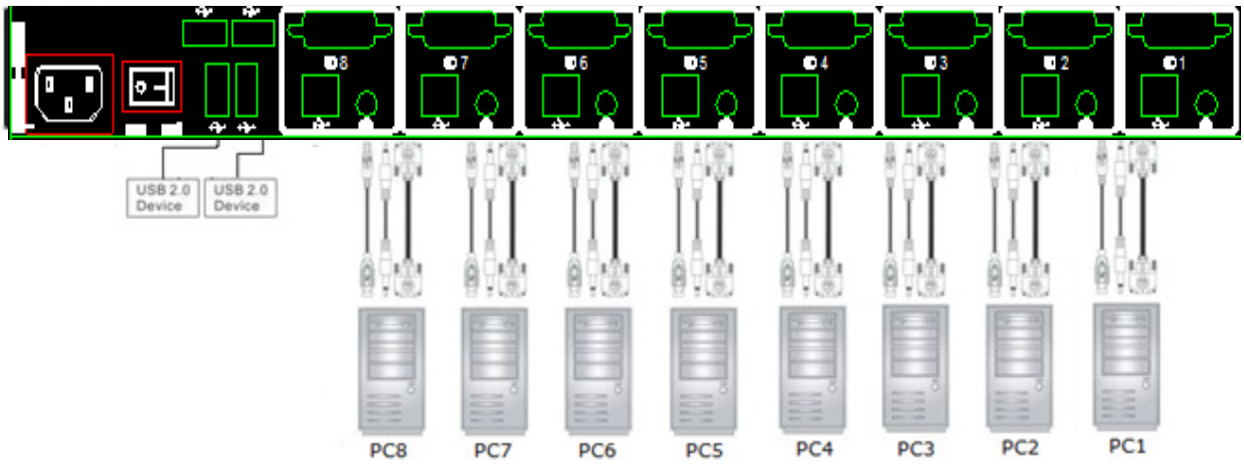


Figure 3. Computer/Server Installation

2.2.1 Connecting Computers to KVM Switch

Step 1. Make sure all computers and peripherals are powered off.

Step 2. Power up the LCD Console Drawer by connecting the included AC power cable.

Step 3. Connect any optional shared USB 2.0 devices to the USB Hub ports on the KVM switch.

Step 4. Connect your computers to the KVM switch, using standard DVI cables, USB Type A to B cables and 3.5mm audio cables if you want to switch audio.

Step 5. Power up the connected computers one by one. After your computers are powered up, the LCD console drawer will be ready to use.

3. Operation

3.1 Push Button Port Selection

The most convenient way to switch between computers is via the push buttons on the front panel of the LCD console drawer. To select a computer, simply push the one the buttons labelled 1 to 8.

The LCD console drawer will switch the video, keyboard and touchpad to the selected computer. The audio output and any USB devices connected to the USB hub will remain at the previously selected computer. This is to avoid accidentally switching a USB device that may be writing data to a computer.

To switch audio output and devices connected to the USB hub, use the Hotkey commands described below.

3.2 Hotkey Commands

You can control the LCD console drawer through simple keyboard Hotkey commands. The default hotkey is CAPS LOCK + CAPS LOCK followed by a command from the table below.

To use Hotkey commands, you must press CAPS LOCK + CAPS LOCK within 2 seconds. You will hear a beep sound confirming you are entering the Hotkey mode. You must press a command key within 2 seconds or the Hotkey mode will be disabled and return the keyboard back to its normal state.

Command	Function
1 ~ 8	Switch to computer port 1 ~ 8
↑ or ↓	Switch to next computer port up or down
F1 ~ F8	Switch Audio to port 1 ~ 8
B	Enable/disable beep sound function
S	Enable Auto-scan function (ESC to stop scanning)
H	Switch USB Hub to currently selected computer port
A	Switch Audio to currently selected computer port
G	Switch USB Hub & Audio to currently selected computer port

4. Technical Specifications

Part No.	LKS-08D17W
No. of Computer Ports	8
LCD Screen Size	17.3” Widescreen
Screen Resolution	Full HD 1920 x 1080
Port Selection	Push Button or Keyboard Hotkey
Built-in Speakers	2 x 2 Watt Stereo
Mouse & KB Emulation	USB
USB 2.0 Hub	1 x Front USB 2.0 Port & 2 Rear USB 2.0 Ports
Computer Monitor Connectors	8 x Single Link DVI-D Female
Computer USB Connectors	8 x USB Type B Female
Computer Audio Connectors	8 x 3.5mm Stereo Female
Optional Mouse & KB Connectors	2 x USB Type A Female
Default Hotkey	Caps Lock + Caps Lock + Command Key
Computer Port LEDs	Online (Red) / USB Hub (Green) / Audio (Blue)
Maximum Distance to Computer	5 metres
Power	AC Input 100V-240V, 50-60Hz
Dimensions	448mm (W) x 580mm (D) x 42mm (H)
Shipping Weight	19.5 kg

5. Drawings and Dimensions

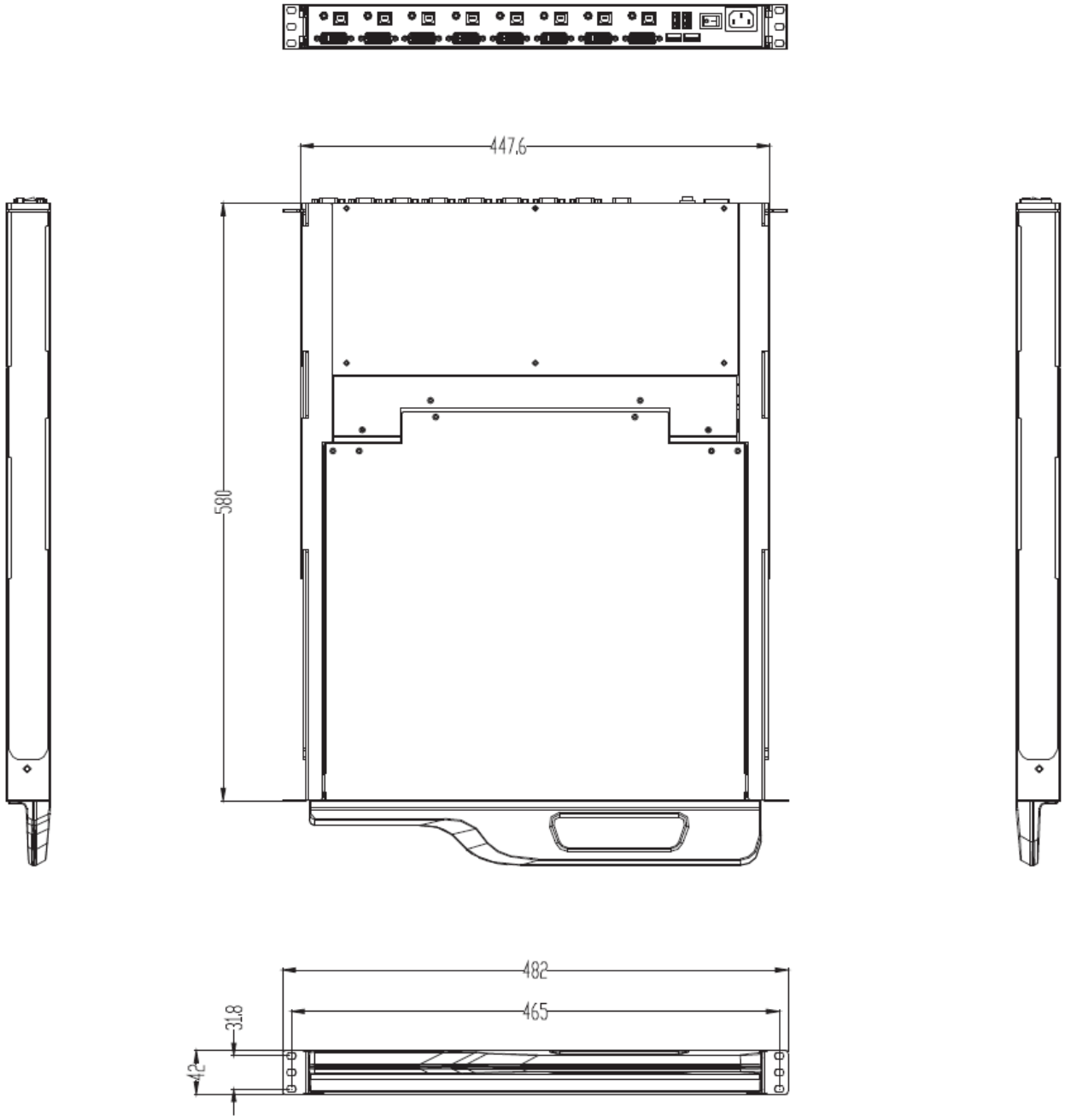


Figure 4. Dimensions

6. Certifications

FCC

This equipment has been tested and found to comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference

(2) This device must accept any interference received. Include interference that may cause undesired operation.

CE

This equipment is in compliance with the requirements of the following regulations: EN 55 022: CLASS B.

RCM

This equipment is in compliance with ACMA's Electromagnetic Compatibility (EMC) regulatory arrangements under the *Radiocommunications Act 1992*.

RoHS

All contents of this package, including products, packing materials and documentation comply with RoHS.

Trademarks

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